



PATENT ABSTRACTS OF JAPAN

(11) Publication number: 10243286 A

(43) Date of publication of application: 11.09.1998

(51) Int. Cl. H04N 5/232

H04N 5/225, H04N 5/238, H04N 7/18

(21) Application number: 09043574

(22) Date of filing: 27.02.1997

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(54) CAMERA SYSTEM

(57) Abstract:

PROBLEM TO BE SOLVED: To allow a camera system to pick up an object at a prescribed position in a prescribed direction, without forcibly suppressing vibration of the camera, to make the camera system small in size and to reduce the power consumption by enclosing an image pickup element and an optical system in one enclosure and providing an image-pickup timing setting means that repeats image pickup in the periodical moment of an integer multiple of a vibrations period of the enclosure to the system.

SOLUTION: This camera system is formed in a capsule shape. Its enclosure 108 is formed to be, e.g. an egg-like shape, and its one head in the lengthwise direction is formed to be a lens 101. An image-pickup element 102 is placed in the inside of the enclosure 108 in a way that a center of an image-pickup face matches

an optical axis behind the lens 101. A vibration sensor unit 106, having a horizontal direction angular velocity sensor 107H and a vertical direction angular velocity sensor 107V, is provided at a rear end of the enclosure 108. A signal from the vibration sensor unit 106 is given to a vibration detection circuit, which discriminates a posture of the camera system and sets a shutter timing.

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